

# Houston Pilots Forecast Package



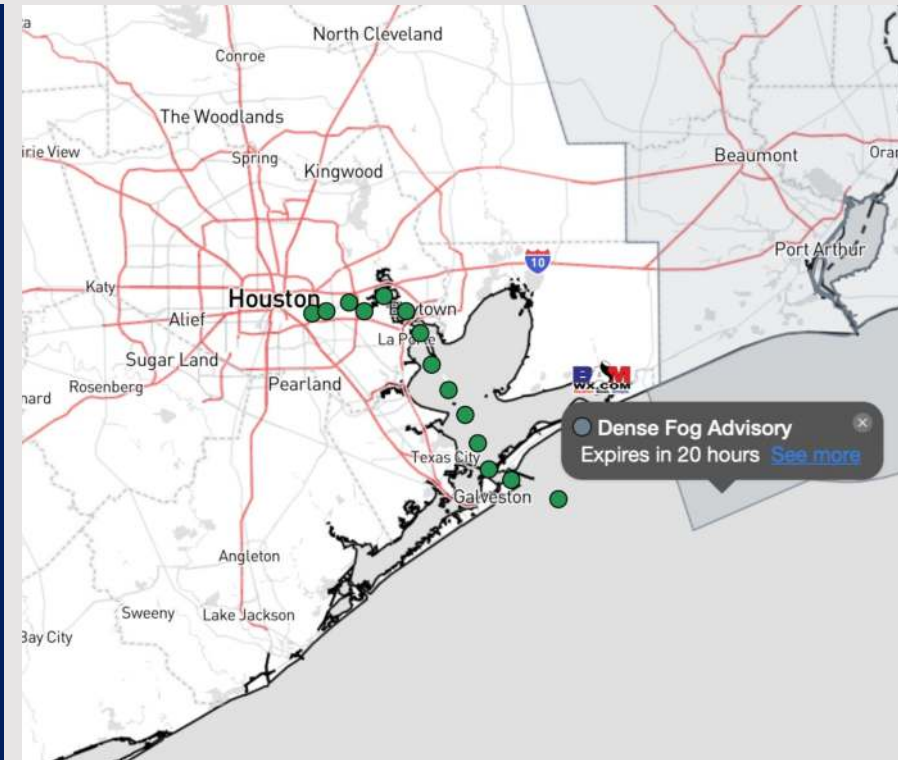
Updated: 2:35 PM CT

Saturday, March 2, 2024

Forecaster: Tyler Riggles

## Weather Headlines

- A drier weekend is ahead. Rain chances continuing into the start of next week.
- Winds will gradually increase during the PM today, with winds a bit stronger near the Boarding Station.
- **Watching for another round of sea fog this evening, mainly after 9 PM. See Visibility slide for more details.**



Radar/NWS Alerts: 2:35 PM CT



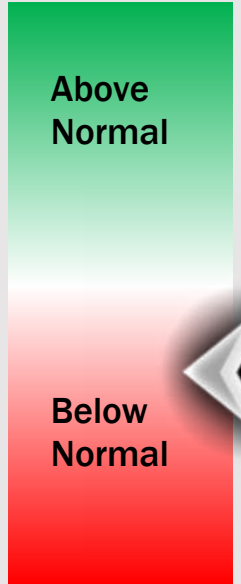
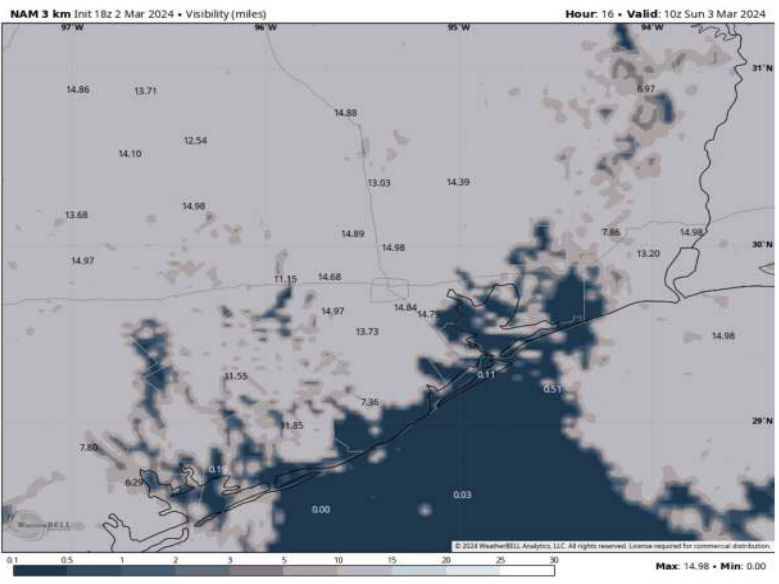
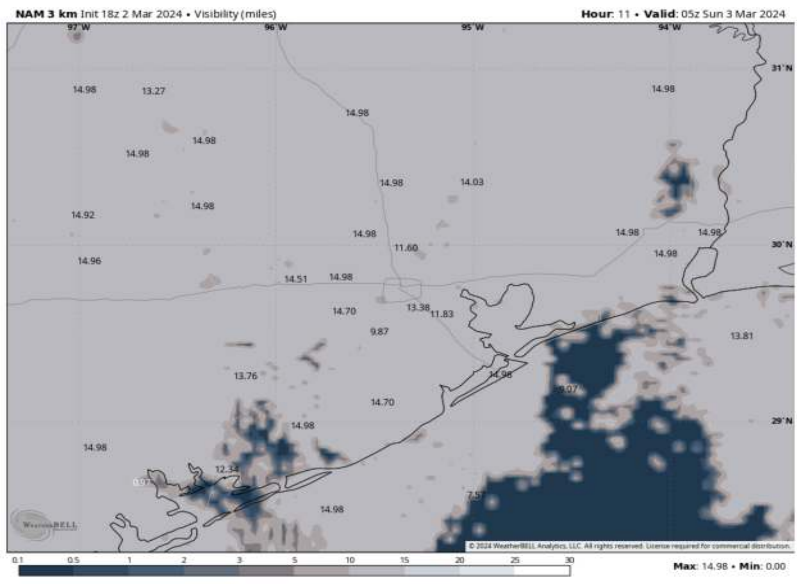
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Visibility Report



## 11 PM CT SAT VISIBILITY      4 AM CT SUN VISIBILITY

## Confidence



TIMEFRAME DISCUSSED	THREAT
9 PM CT SAT - 12 PM CT SUN	Medium - High

- Winds in the PM will shift from the SE by 4 PM this afternoon, and this will set the pre-stage for sea fog development after sunset.
- Wind speeds increase slightly from 4 - 8 kts at the Boarding Station to 7-11 kts by 10 PM. This slight uptick in the winds will help transport/initiate sea fog development
- Lower confidence is present on a start time, but 9 PM would be the earliest to watch this impact the Boarding Station + 11/12 first and expand from south to north. This risk is timing can be delayed a couple hours near 11 PM for this to initiate as there can be a slight lagged response in the uptick of winds to transport fog from the south.
- From there, coverage only expands north from roughly 11 PM - 1AM. Visibility of <1 mi favored for locations south of 51/52 while north of 51/52 can see ranges of 2 - 3 mi.
- Fog coverage remains persistent during the AM hours of Sunday. Coverage can start to become patchier in nature after 7 AM through 10 AM, but more future updates will be needed.

# Houston Pilots Extended Range Visibility Report



## Tuesday 3/5/24

Not favoring a fog risk for Tuesday but need to watch trends for a patchier risk in the AM. Confidence remains low.



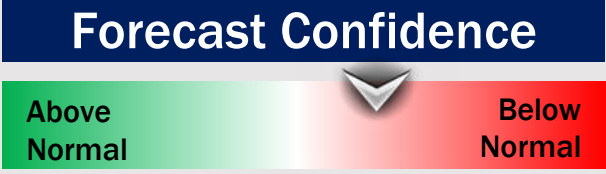
## Thursday 3/7/24

Not favoring a fog risk for Thursday.



## Wednesday 3/6/24

Currently monitoring a low-end risk for patchy fog Wednesday AM for Stations S of Morgan's Point.



## Chance for Fog

Tuesday AM	Possible
Tuesday PM	Unlikely
Wednesday AM	Possible
Wednesday PM	Unlikely
Thursday AM	Unlikely
Thursday PM	Unlikely

# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



Time	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm	Sun 12am	Sun 1am	Sun 2am	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm	Sun 2pm
610 Bridge	10	10	10	10	10	10	9	4	3	4	1	0.3	0.3	0.3	0.2	0.2	0.2	0.5	2	4	5	6	9	9
Kinder 1	10	10	10	10	10	10	5	4	2	4	0.5	0.3	0.3	0.3	0.2	0.2	0.2	0.5	2	4	6	6	9	9
Greens Bayou	10	10	10	10	10	10	3	4	2	0.5	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	2	4	6	9	9	10
Shell Crude	10	10	10	10	10	10	3	4	2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	2	4	6	9	9	10
Lynchburg Ferries	10	10	10	10	10	5	3	4	1	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	2	4	6	9	10	10
Exxon 3	10	10	10	10	6	2	3	4	0.5	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	2	4	6	9	10	10
Morgans Point	10	10	10	10	2	2	3	0.5	0.5	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	2	4	6	9	10	10
75/76	10	10	10	10	1	2	2	0.5	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	2	7	8	9	9
63/64	10	10	10	10	1	3	2	0.5	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.5	2	6	8	9	8
51/52	10	10	9	6	4	3	0.5	0.5	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	1	2	4	6	8	4
37/38	10	10	9	1	5	2	0.5	0.5	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	1	2	2	4	7	1
25/26	10	10	5	1	3	2	0.5	0.5	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	1	1	1	1	5	0.2
11/12	10	7	2	0.8	3	1	0.5	1	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1	0.2
1 & 2 Bravo	1	3	2	4	0.5	0.8	2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

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# Houston Pilots Wind Chart



## Forecast Confidence



Sustained wind 13 Knots  
Gusts 18 Knots  
Wind from the N

## Example

WS: 13  
G:18  
N

Time Knots	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm	Sun 12am	Sun 1am	Sun 2am	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm	Sun 2pm
610 Bridge	6	7	8	7	7	6	6	5	5	5	4	4	3	4	3	3	3	3	5	5	6	6	7	7
	9	11	12	12	11	10	11	10	9	9	8	7	7	6	6	6	6	9	9	10	10	11	12	13
	SSE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SE	SSE	SE	SE	SE
Kinder 1	6	7	8	7	7	6	6	5	5	5	4	4	3	4	3	3	3	3	5	5	6	6	7	7
	9	11	12	12	11	10	11	10	9	9	8	8	6	6	6	6	6	9	9	10	10	12	13	
	SSE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SE	SSE	SE	SE	SE	
Greens Bayou	7	7	8	7	7	6	6	5	5	5	4	3	4	3	3	3	3	3	5	5	6	6	7	7
	10	11	12	12	12	11	11	10	9	9	8	7	7	6	6	6	6	9	8	10	10	12	13	
	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SE	SSE	SE	SE	SE	
Shell Crude	7	7	8	7	7	6	6	5	5	5	3	3	3	4	3	3	3	3	5	5	6	6	7	7
	10	11	12	12	12	11	10	10	9	9	7	7	7	7	6	7	6	6	8	9	10	10	13	13
	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SE	SSE	SE	SE	SE	
Lynchburg Ferries	7	7	8	7	7	7	6	5	5	4	3	3	3	3	3	3	3	3	4	5	6	6	7	7
	10	11	12	12	12	11	11	10	9	8	7	6	7	6	6	7	6	6	8	9	10	10	11	13
	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SE	SE	SE	
Exxon 3	7	9	9	9	9	8	7	5	5	4	4	4	4	4	4	3	3	4	5	5	6	6	7	7
	11	13	14	13	13	13	12	11	10	9	8	7	7	7	7	7	6	7	8	10	10	11	13	13
	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	
Morgans Point	8	9	9	9	8	8	7	6	5	4	4	4	4	4	4	3	4	5	5	6	7	7	7	7
	11	13	13	13	12	12	11	11	9	8	7	7	7	7	7	7	6	7	9	10	11	12	13	
	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	
75/76	9	11	12	12	11	10	9	8	7	7	6	6	5	6	6	6	6	6	7	7	7	7	8	9
	14	16	18	18	16	15	13	12	11	10	8	9	8	8	9	9	8	9	9	10	11	13	13	15
	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SE	SSE	SE	SE	SE	ESE	ESE	SE	SE
63/64	9	10	11	11	11	9	8	7	7	6	5	5	5	5	5	5	5	5	6	7	7	7	7	9
	13	15	16	16	15	13	12	11	11	9	8	8	8	7	7	7	7	8	9	10	12	13	14	
	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SE	SSE	SE	SE	SE	ESE	ESE	ESE	SE
51/52	9	9	9	9	9	8	7	7	6	5	5	5	5	4	4	4	5	5	6	7	7	7	8	8
	12	13	14	14	13	12	10	10	9	7	7	6	7	5	5	6	7	7	8	9	11	13	13	
	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE
37/38	8	9	9	9	8	8	7	7	6	5	5	5	5	3	4	4	5	5	5	6	7	7	8	9
	12	13	13	13	12	12	10	10	9	7	7	6	6	4	5	6	7	7	9	10	12	13	13	
	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE
25/26	8	9	9	9	7	7	7	6	5	5	4	4	4	3	3	4	5	5	5	6	7	8	9	9
	12	12	13	13	11	11	10	9	8	7	6	6	6	4	5	6	7	7	8	9	11	12	13	
	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	ESE
11/12	7	8	7	7	6	6	5	5	5	5	4	3	4	3	3	4	4	4	5	6	7	8	9	
	11	12	11	10	9	9	9	9	7	7	7	5	5	5	5	6	6	7	8	9	11	12	13	
	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	ESE
1 & 2 Bravo	7	8	9	9	9	8	8	7	7	7	6	6	5	5	5	6	6	6	6	7	7	7	8	9
	10	12	13	13	13	12	12	11	11	10	10	9	8	7	8	8	8	8	9	10	10	11	12	
	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE

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# Houston Pilots: Sat. 3/2/2024



## Forecast Discussion

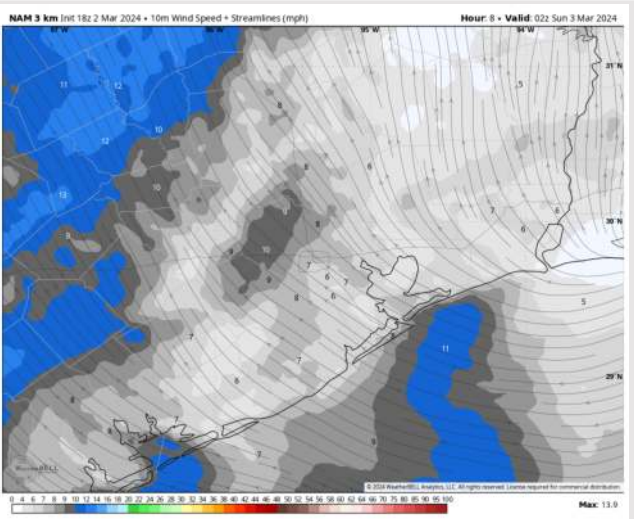
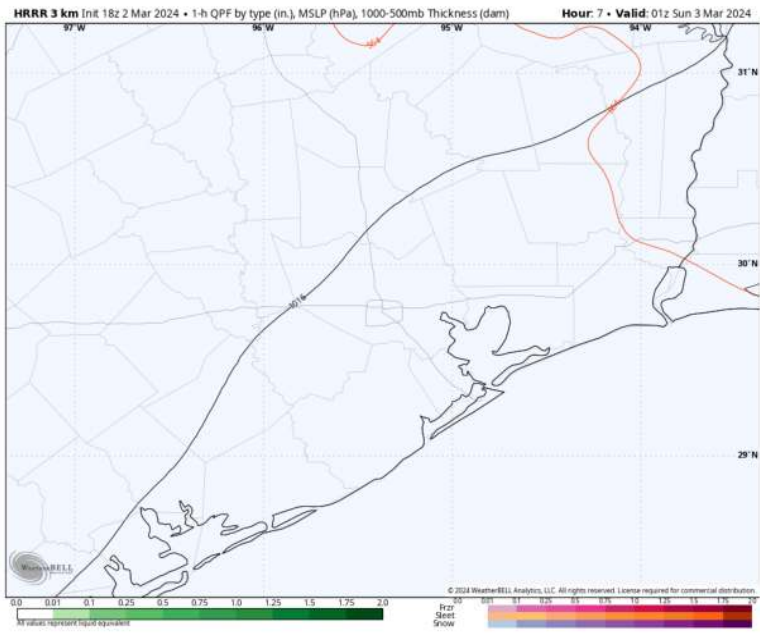
**Precip:** Favoring dry conditions for the remainder of the day.

**Wind:** Winds will shift out of the SE by ~4 PM. **N of Morgan's Point:** Winds at 3 – 7 kts in play through the evening. **S of Morgan's Point:** Winds will sit at 4 – 8 kts for the rest of the day. Winds can be slightly higher at 7-11 kts near the Boarding Station by 10 PM.

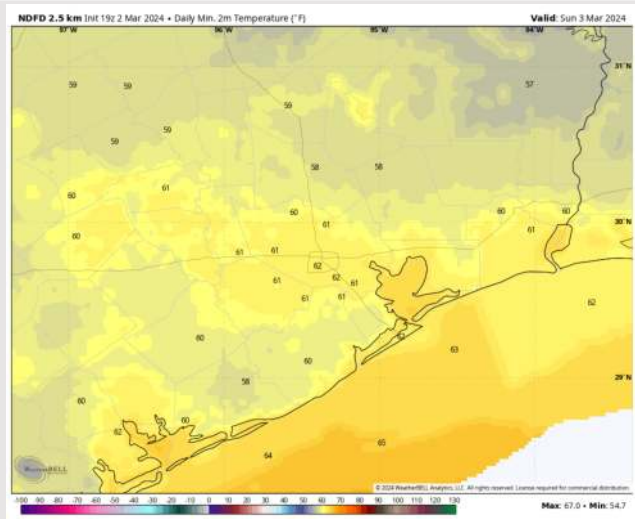
**Low Temps:** **N of Morgan's Point:** Low 60s F. **S of Morgan's Point:** Low 60s F.

**Visibility:** With the shifting of winds out of the SE and a slight uptick in speeds at the mouth of bay, the risk for sea fog development will be in play after sunset. **See Visibility Slide for more details.**

## Precip Image: 7 PM CT



Wind Speed:  
8 PM CT



Low Temps  
SUN AM

# Houston Pilots: Sun. 3/3/2024



## Forecast Discussion

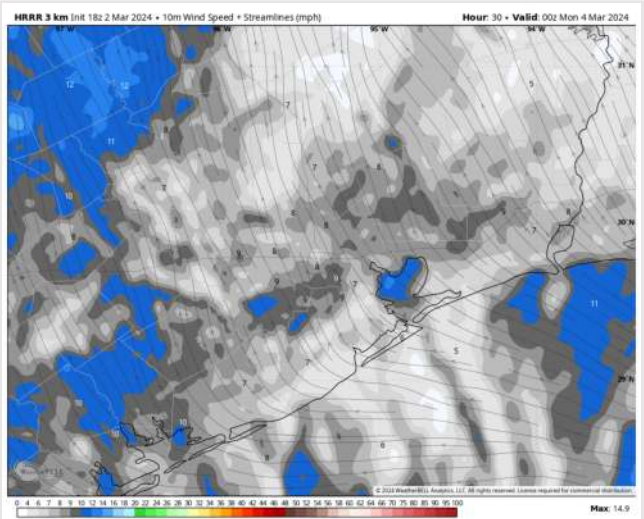
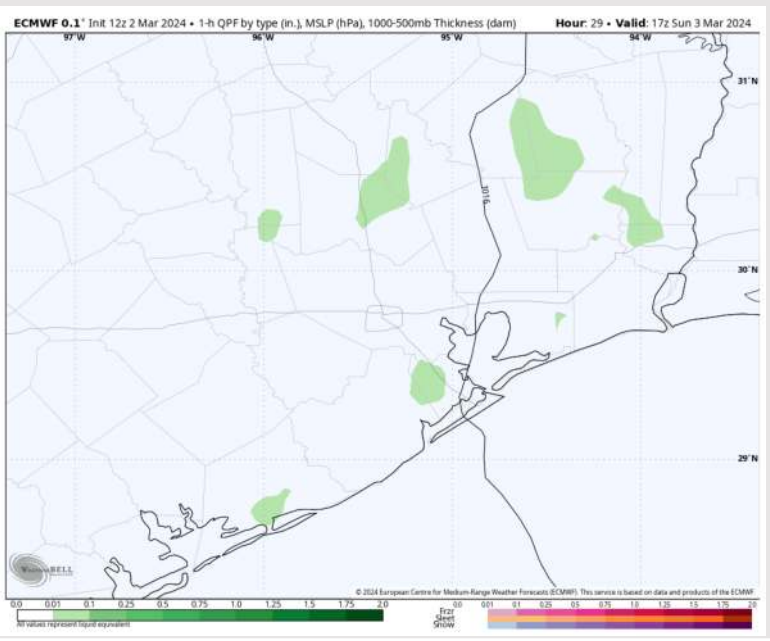
**Precip:** Isolated showers (10%) will be in play between 10 AM and 7 PM. Dry conditions favored for all other parts of Sunday.

**Wind:** Winds will be out of the S/SE throughout the day SUN. **N Morgan's Point:** 4 – 9 kts throughout the day. **S of Morgan's Point:** Winds at 4 - 9 kts through 7 PM, increasing to 7 – 12 kts after that time.

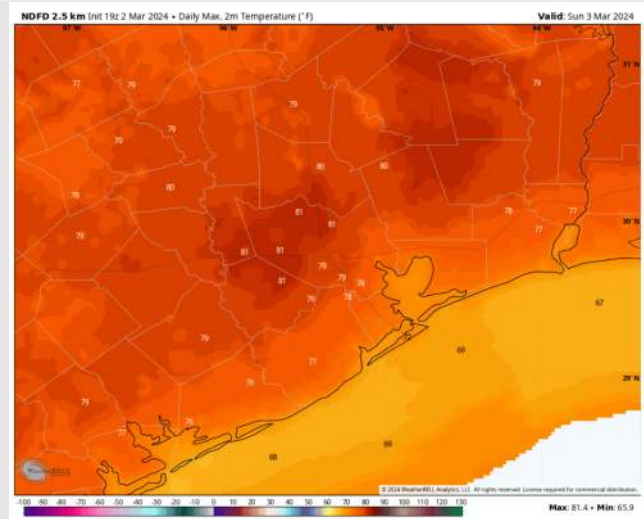
**High Temps:** **N of Morgan's Point:** Upper 70's-Low 80's F. **S of Morgan's Point:** Upper 60s-Low 70s F.

**Visibility:** A lingering low-end risk for fog will be in play early SUN AM as conditions become favorable for sea fog. **See Visibility Slide for more details.**

## Precip Image: 11 AM CT



Wind Speed:  
6 PM CT



High Temps  
Sunday



# Houston Pilots: Mon. 3/4/2024



## Forecast Discussion

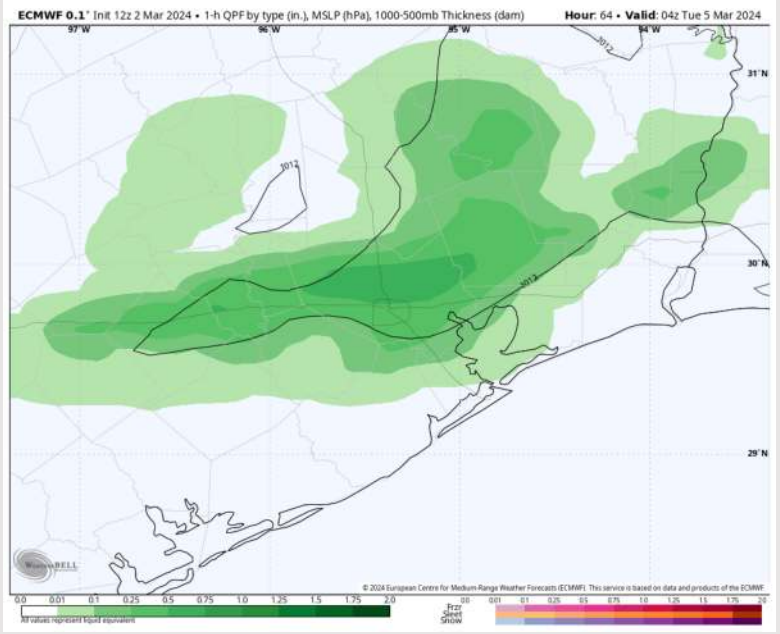
**Precip:** Hit/miss pockets of light showers (10%) will be in play through much of the AM before coverage begins increasing at 10 AM. Scattered showers (30-40%) will then decrease in coverage again after 4 PM to be hit/miss again. Heavier showers and storms associated with a passing front will be in play after 10 PM. Lightning and small hail cannot be ruled out with these storms.

**Wind:** Winds will be out of the S/SE throughout the majority of the day Monday. Winds become variable in direction after 10 PM with a passing front. **N Morgan's Point:** 3-8 kts throughout the day. **S of Morgan's Point:** Winds will remain at 7-12 kts throughout the day. **Wind gusts of 8 – 13 will be possible for stations N of Morgan's Point after 9 AM.**

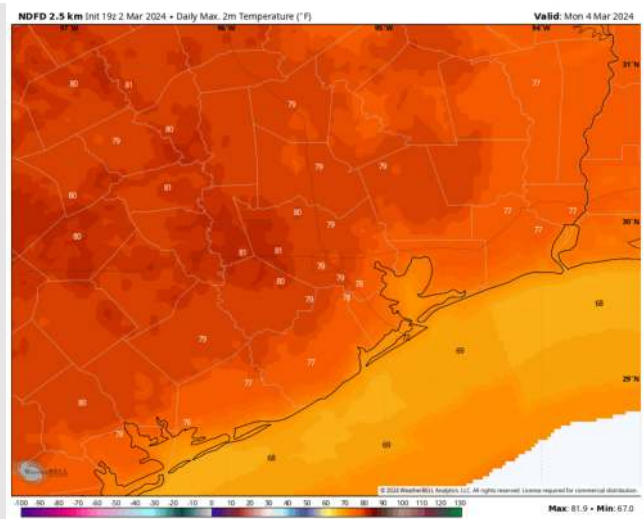
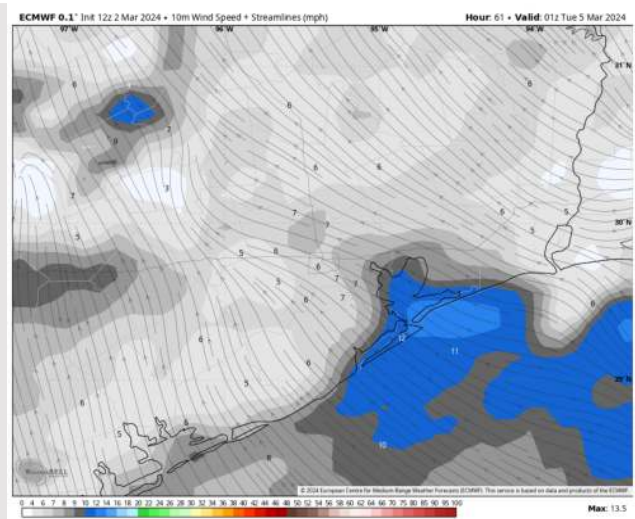
**High Temps:** **N of Morgan's Point:** Upper 70's-Low 80's F. **S of Morgan's Point:** Upper 60s-Low 70s F.

**Visibility:** Not favoring a fog risk for Monday but will need to watch trends if at least a patchier risk can develop for the Boarding Station prior to 10 AM. Confidence remains low.

## Precip Image: 10 PM CT



Wind Speed:  
7 PM CT



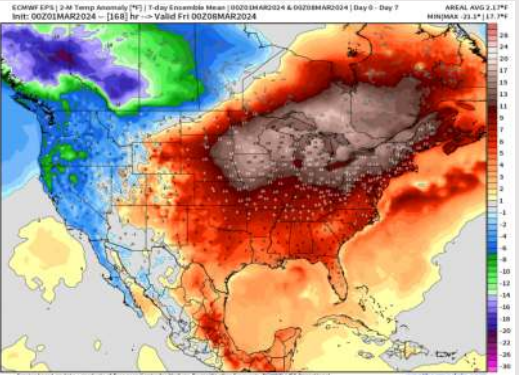
High Temps  
Monday



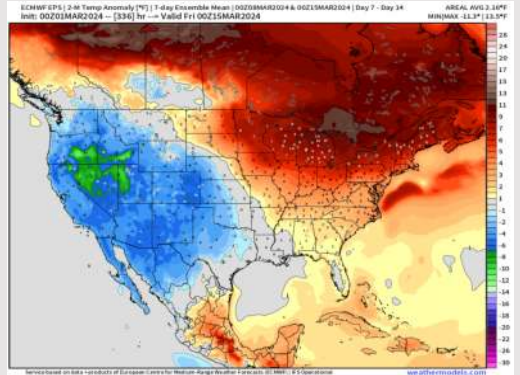
# Houston Pilots: 3/2/24



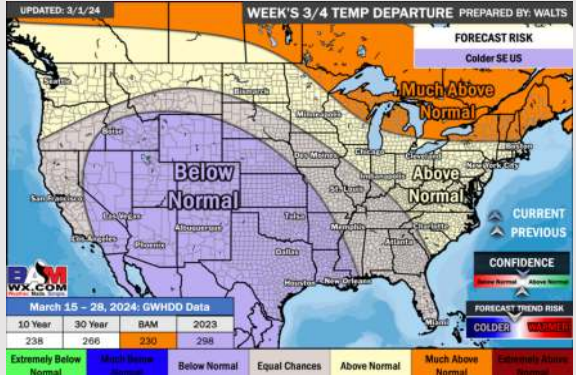
**Next 7 Day Temperature Departure**



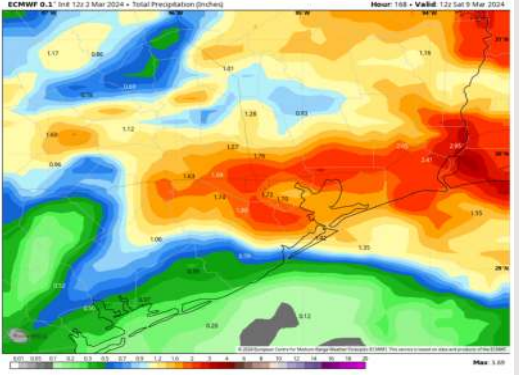
**8-14 Day Temperature Departure**



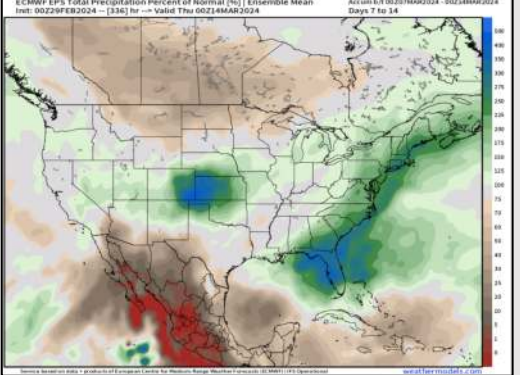
**15-30 Day Temperature Departure**



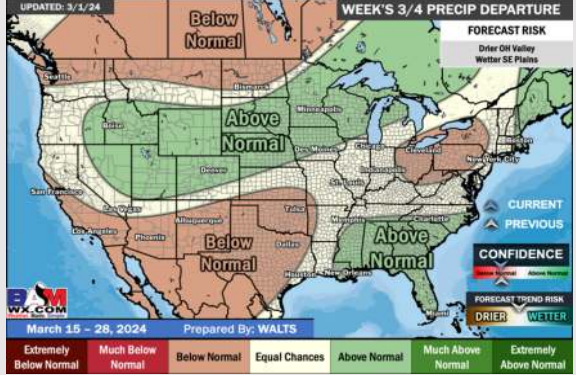
**Next 7 Day Total Precipitation**



**8-14 Day % of Average Precip.**



**15-30 Day % of Average Precip.**



- A drier weekend is ahead, with rain chances returning early next week. Above normal temperatures favored for the week ahead.
- Seasonable precipitation chances are at play during the week 2 timeframe. Temps expected to be seasonable as well.
- Below normal temperatures and seasonable chances for precipitation are favored in the weeks 3/4 timeframe.